A)

IN THE UNITED SPACES PATENT AND TRADEMARK OFFICE

In re patent application of

Applicant: Serial No.:

Bharadwaj et al.

Serial N Filed: 10/734,379

For:

December 12, 2003

EMBOSSED ORIENTED OPTICAL

Art Unit:

1732

Examiner:

Stephen J. Lechert, Jr.

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

<ol> <li>Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's atternation</li> </ol>	ention is
directed to the patents, pending applications, publications and other information listed on the attached	PTO-1449. A
copy of each listed document is enclosed, except for (a) those previously cited or submitted to the Office	ce in the
following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. 120,	and (b) any
U.S. patent or U.S. patent application publication if the present application was filed after June 30, 200	3 or entered
the national stage under 35 USC § 371 after June 30, 2003:	

Serial No.:	 	
Filing Date:	 	

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

- 2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):
  - (a) \_\_\_ A copy of each English language version of a search report (or EPO Search Report) indicating the degree of relevance found by the foreign office of each document being submitted from the search report, is being submitted herewith or has previously been submitted.
  - (b) \_\_\_\_ Attached is a "Concise Explanation of Relevance of Non-English Language Documents".
- 3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):
  - (a) \_\_\_ Within 3 months of the filing date or date of entry into the National Stage.
  - (b) \_\_\_ Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 18-0988 for consideration of this Statement.
  - (c) \_\_\_\_ Before the mailing date of a first Office Action on the merits after a first or second submission after final rejection under 37 C.F.R. 1.129(a).

10/29/2004 ZJUHAR1 00000030 10734379

	(d)	<u>x</u>	After the period set forth in 37 C action or a notice of allowance.	C.F.R. 1.97(b) but before the mailing date of either a final
		(1)	The required certification is give	en below, <u>or</u>
		(2) <u>X</u>	Enclosed is a check covering th Statement, or	ne fee set forth in 37 C.F.R. 1.17(p) for consideration of this
		(3)	Charge the fee set forth in 37 C	C.F.R. 1.17(p) to Deposit Account No. 18-0988
	(e)	_		a final action or a notice of allowance, but before payment of s made for consideration of this Statement and the required
		(1)	Enclosed is a check covering th	ne fee set forth in 37 C.F.R. 1.17(p), or
		(2)	Charge the fee set forth in 37 C	C.F.R. 1.17(p) to Deposit Account No. 18-0988.
4.	Certifi	ication (i	f applicable)	
	(a)	-	was first cited in any communication	es that each item of information contained in this Statement eation from a foreign patent office in a counterpart foreign of this Statement.
	(b)	<del>-</del>	was cited in a communication from application, and, to the undersign of information contained in this s	es that no item of information contained in this Statement rom a foreign patent office in a counterpart foreign gned's knowledge after making reasonable inquiry, no item statement was known to any individual designated in 37 of this prior to the filing of this Statement.
5. Deposit A				arge any additional fees or credit any overpayment to
				Respectfully submitted,
			•	RENNER, OTTO, BOISSELLE & SKLAR, LLP
				By Heidi A. Boehlefeld Reg. No. 34,296
1621 Euc Cleveland (216) 621	d, Ohio			
			CERTIFICATE OF MAIL	ING UNDER 37 C.F.R. §1.8
deposited	i on th	e below	date with the United States Pos	. by paper referenced as being attached or enclosed) is being stal Service with sufficient postage as first class mail in an ioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
Date:	<u>Octobe</u>	r 27, 20 <u>(</u>	04	Claudiy Balen Claudia Bader
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Serial No. Atty Docket No. Form PTO-1449 (Modified) AVERP3071USA 10/734,379 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S Applicant: Bharadwaj et al. INFORMATION DISCLOSURE STATEMENT Group Filing Date (Use several sheets if necessary) 2 9 2004 12/12/03 1732

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date (MM/YYYY)	Name	Class	Sub-class	Filing Date if Appropriate
	4,332,847	6/1982	Rowland	428	156	
	4,478,769	10/1984	Pricone, et al.	264	1.6	
	4,486,363	12/1984	Pricone, et al.	264	1.4	
	4,601,861	7/1986	Pricone, et al.	264	1.6	
	4,925,714	5/1990	Freedman	428	40	
	5,945,042	8/1999	Mimura, et al.	264	1.6	
	2004/0130057	7/2004	Mehrabi, et al.	264	171.13	

## FOREIGN PATENT DOCUMENTS

Examiner	Document Number	Date (MM/YYYY)	Country	Class	Sub- class	Translation	
Initial						Yes	No
	101 20 269	7/2002	DE			X*	
	01/98066	12/2001	WO				i d

\*Abstract Only

## OTHER ART

Examiner Initial	Author, Title, Date, Pertinent Pages, etc.
	Pease, Fabian R. "Imprints offer Moore." in Nature (2002), Vol. 417, pp. 802-803.
	Chou, Stephen Y., et al. "Ultrafast and direct imprint of nanostructures in silicon." in <i>Nature</i> (2002), Vol. 417, pp. 835-837.

I	EXAMINER	DATE CONSIDERED
I		

**EXAMINER:** 

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

## Information Disclosure Statement PTO-1449 (Modified)

The identification of any reference is not intended to be, and should not be understood as being, an admission that such publication, in fact, constitutes "prior art" within the meaning of applicable law since, for example, a given reference may have a later effective date than first seems apparent or the reference may have an effective date which can be antedated. The "prior art" status of any reference is a matter to be resolved during prosecution.